



**Regional Committee of United Nations Global Geospatial  
Information Management for Asia and the Pacific  
(UN-GGIM-AP)**



Established by a United Nations Resolution

# **UN-GGIM-AP EXECUTIVE REPORT**

**The Executive Board Meeting of UN-GGIM-AP**

**21 June 2019**

**Kuala Lumpur, Malaysia**

## **1. Introduction**

This report highlights the activities carried out by the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP) since the Seventh Plenary Meeting of UN-GGIM-AP held on 22 November 2018 in Deqing, China in conjunction with the first United Nations World Geospatial Information Congress (UNWGIC).

## **2. The Seventh Plenary Meeting of UN-GGIM-AP**

The meeting was hosted by the Ministry of Natural Resources of the People's Republic of China (MNR) and was attended by around 90 representatives and observers from 19 UN-GGIM-AP Member States, five international organisations and two Member States of other regions. It was the triennial plenary, where the Member States voted on changes to the terms of the Committee's Executive Board and established new Working Groups.

At the meeting, the Committee firstly summarized its accomplishments during the last three years, including a general report by the Secretary for 2015-2018 and reports of each Chair of the four Working Groups for 2015-2018 on the prioritized issues of 1) Geodetic Reference Frame, 2) Disaster Risk Management, 3) Regional SDI, and 4) Cadastre and Land Management.

The Committee then discussed and agreed on the transfer of the UN-GGIM-AP Secretariat to UNESCAP and revised its Statutes accordingly. The adopted revisions of the Statutes include the establishment of UNESCAP as a permanent Secretariat and the addition of one more Vice President to the Executive Board, considering that the post of the Secretary is no longer applicable. The meeting then elected the Executive Board for 2018-2021 (see point '4. The UN-GGIM-AP Executive Board' for the list) and established two Working Groups on 1) Geodetic Reference Frame, and 2) Cadastre and Land Management, with another theme on Integrating Geospatial Information and Statistics to be considered for next steps. The newly established Working Groups conducted discussions to develop a three-year workplan. Three resolutions were finally discussed and adopted as 1) Geodetic Reference Frame, 2) Cadastre and Land Management, and 3) Strengthening Cooperation with UNESCAP.

### **3. The first United Nations World Geospatial Information Congress (UNWGIC)**

The first UNWGIC hosted by the Ministry of Natural Resources of China was convened in Deqing, Zhejiang Province, China from 19 to 21 November 2018 under the purview of the United Nations and guided by UN-GGIM with support from its regional entities. It attracted over 2000 participants and exhibitors from all continents, including ministers and other high-level officials. It substantively improved and strengthened the role of geospatial information management, innovation and related technologies towards implementing the 2030 Agenda for Sustainable Development and to keep the promise to leave no one behind, by providing a convening, participatory and inclusive environment to intensify collaboration at the regional and global levels. The Moganshan Declaration was issued on behalf of all participants at the end of the UNWGIC with the resolve to work together to build a human data and geography community for a shared and better future, and to keep the promise to leave no one behind by fostering effective cross-sector and interdisciplinary international, regional and local collaboration and partnerships, and to support national development priorities.

### **4. Participation in the UN-GGIM Expanded Bureau Meeting**

Two UN-GGIM Expanded Bureau Meetings were held on 23 November 2018 in Deqing, China and on 1 April 2019 in Amsterdam, the Netherlands. The President of UN-GGIM-AP Dr. Andrew C. Barnicoat attended both meetings, in China in person and in the Netherlands via videoconference. He reported on the latest activities and plans of UN-GGIM-AP and contributed to the discussions of the meetings.

### **5. The UN-GGIM-AP Executive Board as of June 2019**

President	Australia	Dr. Andrew C. Barnicoat
Vice Presidents	China	Dr. Wang Qian
	Japan	Mr. Shoichi Oki
	Mongolia	Mr. Gankhuu Tsevelsodnom
EB Members	Fiji	Ms. Meizyanne Hicks
	India	Lt Gen Girish Kumar
	Indonesia	Prof. Dr. Hasanuddin Z. Abidin
	Iran	Dr. Yahya Djamour
	Malaysia	Dato' Indera Sr Mohd Noor bin Isa
	Republic of Korea	<i>To be nominated</i>

	Singapore	Mr. Kheng Peng Soh
	Tonga	Ms. Rosamond Bing

## 6. The UN-GGIM-AP Working Groups as of June 2019

Working Group 1: Geodetic Reference Framework	Chair	Mr. Basara Miyahara (Japan)
	Vice Chair	Dr. John Dawson (Australia)
	Vice Chair	Dr. Dang Yamin (China)
	Vice Chair	Dr. Suresh Kumar Singh (India)
	Vice Chair	Dr. Mohd Yunus Bin Mohd Yusoff (Malaysia)
	Vice Chair	Ms. Dalkhaa Munkhtsetse (Mongolia)
	Vice Chair	Mr. Graeme Blick (New Zealand)
	Vice Chair	Mr. Yi Sang Oh (Republic of Korea)
Working Group 2: Cadastre and Land Management	Chair	<i>To be nominated</i> (Republic of Korea)
	Vice Chair	Ms. Liao Rong (China)
	Vice Chair	Mr. Solomone Nata (Fiji)
	Vice Chair	Mr. Gankhuyag Radnaabazar (Mongolia)
	Vice Chair	Mr. Soh Kheng Peng (Singapore)
Working Group 3: Integrating Geospatial Information and Statistics	Chair	Dr. Antonius B. Wijanarto (Indonesia)
	Vice Chair	<i>To be nominated</i> (Brunei Darussalam)
	Vice Chair	<i>To be nominated</i> (China)
	Vice Chair	<i>To be nominated</i> (Mongolia)
	Vice Chair	<i>To be nominated</i> (Philippines)

## 7. Working Group Activities

- A. **WG1 on Geodetic Reference Framework** aims to improve access to the Global Geodetic Reference Frame (GGRF) through development and maintenance of the regional geodetic

reference frame, which supports regional geodetic cooperation and enhances regional GNSS cooperation, and develops geodetic capacity through workshops and seminars in the region. The WG has four main activities in the term 2019-2021: the Asia-Pacific Reference Frame (APREF) project, the Asia-Pacific Regional Geodetic Project (APRGP), the Asia-Pacific Regional Height System Unification (APRHSU) and the Asia-Pacific Geodetic Capacity Building (APGCB) project.

- a. APRGP is an annual regional Global Navigation Satellite System (GNSS) campaign coordinated by Australia. The campaign for 2019 is planned for October and a Call for Participation is being prepared for distribution to the Member States.
- b. WG1 co-hosted special sessions on “Developing Capacity for Geodetic Infrastructure and Systems” at International Federation of Surveyors’ (FIG) Working Week 2019 in Hanoi in collaboration with FIG Asia-Pacific Capacity Development Network (AP CDN) and UN Subcommittee on Geodesy’s (SCoG) Working Group on Education, Training and Capacity Building. WG1 is also planning to hold a UN-GGIM-AP WG1/FIG AP CDN/UN SCoG joint special sessions on development of GNSS Continuously Operating Reference Station (CORS) and geodetic capacity at the UN/Fiji Workshop on the Applications of GNSS in June and the South East Asia Survey Congress (SEASC) 2019 Darwin in August. In addition, the WG is considering to conduct an UN-GGIM-AP WG1/FIG AP CDN/UN SCoG joint workshop on geodetic capacity development in conjunction with UN-GGIM-AP 8th Plenary in Canberra.

**B. WG2 on Cadastre and Land Management** aims to enhance the understanding of overarching policy guidance for sustainable and interoperable land administration as well as management systems from existing global concepts, approaches, and national geospatial information management systems referencing to global guidelines. The WG aims to also develop capacity for future young professionals to obtain expertise in areas related to land administration and management including data collection, systems, institutional or legal framework, and other pertinent sectors.

- a. WG2 is planning to carry out a number of country specific case studies using the Integrated Geospatial Information Framework (IGIF) Diagnosis Tool and the IGIF Implementation Guidelines to identify geospatial information challenges with respect to land administration and management in the term 2019-2020.
- b. WG2 plans to design tools for the diagnosis and assessment of a land sector in order to develop a capacity building model. Then, they will select a target country in which to use the developed tools.

**C. WG3 on Integrating geospatial information and statistics** aims to establish an agreed work plan and roadmap for sustained applications of the Global Statistical and Geospatial Framework (GSGF) as a monitoring tool for SDGs, to enhance the understanding for a sustainable and interoperable GSGF from existing global concepts for the Asia Pacific

region, working with Expert Groups on the integration of statistical and geospatial information, to carry out a pilot project using the GSGF to monitor SDGs achievements in cooperation with National Statistical Agencies, and to improve the human capacity in areas related to integration of statistical and geospatial information including data collection, standards, institutional framework. There will be five main activities in the term 2019 -2021:

- a. Drafting work plan and roadmap, cooperation from member countries for drafting of plan and roadmap through on-line reviews;
- b. Seminar working group members to share experiences and best practices;
- c. Study in specified countries;
- d. Selection and application of GSGF in a particular country.

## **8. Contribution to UN-GGIM**

UN-GGIM-AP has operated effectively in line with the mandate given by UN-GGIM, contributing to its activities and producing tangible outputs. The Committee has closely cooperated with UN-GGIM as well as the other regional committees, to ensure that the Member States are well informed of and involved in the UN-GGIM work.

1. The Committee supported and contributed to the first United Nations World Geospatial Information Congress (UNWGIC) held on 19-21 November 2018 in Deqing, China.
2. The Committee took a lead in strengthening the linkage with the regional Commission as called for in the ECOSOC resolution “Strengthening institutional arrangements on geospatial information management” (26 July 2016). UNESCAP has officially taken over the responsibility of UN-GGIM-AP Secretariat, setting an example for the UN-GGIM community.
3. The Committee actively participated in the consultation on the development of the Implementation Guide of the Integrated Geospatial Information Framework (IGIF).
4. The Committee will continue its efforts to identify and report regional issues to the Ninth Session of UN-GGIM.

## **9. Next Meetings**

The Eighth Plenary Meeting of UN-GGIM-AP will be held in Canberra, Australia from 3 to 5 November 2019.

The Member States are invited to host the Executive Board Meeting and the Plenary Meeting of UN-GGIM-AP in 2020.